

Features.

- ◆ Full duplex Tx and Rx.
- ◆ High level of isolator between Tx-Rx.
- ◆ High level of integration.
- ◆ 19" Standard rack 4U.
- ◆ Operating temperature -35/+85.
- ◆ 50 Ohm impedance at input-output.
- ◆ Option zero gain.
- ◆ High power on TX.



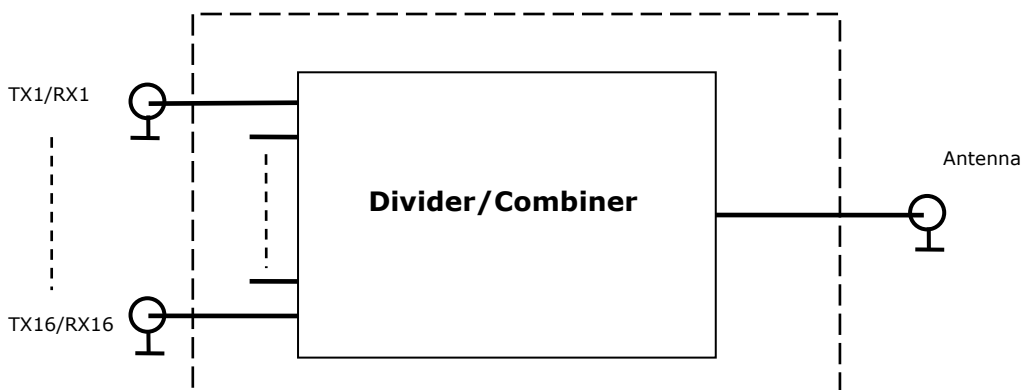
Description.

The model IF-SIM300-COM/S is a full duplex divider-combiner, which allows the connection of 16 devices TX-RX to a single antenna.

The technological solution used in this unit ensures complete immunity between transmission and reception signals.

Tailored solutions in frequencies, power and finish.

Block diagram



Electrical and mechanical specifications

Parameter	Values	Units	Comments
Operating frequency	Tx: 880-915 Rx:925-960	MHz MHz	Full duplex
Tx Power	2	W	
VSWR	1.5/1 max		Both Tx and Rx
Impedance	50	Ohm	
Isolation	60 min	db	Between Tx - Rx signals
Insertion loss	16	db	
Operating temperature	-45/+85	°C	
Connectors	SMA(h)		
Enclosure	Rack 19" 4U		

